AMENDED IN ASSEMBLY JUNE 5, 2008

AMENDED IN ASSEMBLY MAY 13, 2008

AMENDED IN ASSEMBLY MARCH 11, 2008

AMENDED IN ASSEMBLY JUNE 11, 2007

AMENDED IN SENATE MARCH 12, 2007

SENATE BILL

No. 158

Introduced by Senator Florez

January 30, 2007

An act to repeal and add Article 3.5 (commencing with Section 1288.5) of Chapter 2 of Division 2 of the Health and Safety Code, relating to health facilities.

LEGISLATIVE COUNSEL'S DIGEST

SB 158, as amended, Florez. Hospitals: infection control.

Existing law provides for the licensure and regulation by the State Department of Public Health of health facilities, including general acute care hospitals, acute psychiatric hospitals, and special hospitals, as defined. A violation of these provisions is a crime.

Existing law establishes specified licensing and certification program fees for various health facilities, including general acute care hospitals.

Existing law requires health facilities to implement various measures to protect against the spread of infection in health facilities.

Existing law establishes the Hospital Infectious Disease Control Program, which, among other things, requires the department and general acute care hospitals to implement various measures relating to disease surveillance and the prevention of health care associated infection (HAI). In that regard, the department is required, by July 1,

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2007, to appoint a Health Care Associated Infection Advisory Committee, composed of specified members, to make recommendations related to methods of reporting cases of hospital acquired infections occurring in general acute care hospitals, as provided.

Existing law also requires each general acute care hospital, in collaboration with infection prevention and control professionals, and with the participation of senior health care facility leadership, as a component of its strategic plan, at least once every 3 years, to prepare a written report that examines the hospital's existing resources and evaluates the quality and effectiveness of the hospital's infection surveillance and prevention program, including specified information.

This bill would repeal the above-described provisions relating to the Hospital Infectious Disease Control Program and require the department to establish a health care infection surveillance, prevention, and control program within the department, as specified. This bill would require each hospital, as defined, to pay a fee, in addition to their licensing and certification program fees, to be used to cover the costs of the program. The bill would create a Department of Public Health Licensing and Certification Health Care Infection Surveillance, Prevention, and Control Fund in the State Treasury, and would require the fees collected pursuant to the above provisions to be deposited into the fund and to be available for expenditure, upon appropriation by the Legislature, to support the operation of the program.

The bill would require the State Public Health Officer to appoint the Health Care Associated Infections Advisory Committee that would make recommendations on methods of reporting designated HAI and evaluating process measures to prevent HAI.

This bill would require the department to require hospital staffing levels, as specified, for hospital infection surveillance, prevention, and control programs, among other requirements. This bill would also require each hospital to annually submit to the department a written report, as specified, on the effectiveness of the hospital's infection surveillance, prevention, and control program.

By changing the definition of an existing crime, this bill would impose a state-mandated local program.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that no reimbursement is required by this act for a specified reason.

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Vote: majority. Appropriation: no. Fiscal committee: yes. State-mandated local program: yes.

The people of the State of California do enact as follows:

- SECTION 1. (a) The Legislature finds and declares all of the following:
 - (1) During the past two decades, health care associated infections (HAI), especially those that are resistant to commonly used antibiotics, have increased dramatically in California.
 - (2) There is currently no system within the State Department of Public Health to determine the incidence or prevalence of HAI or to determine if current infection prevention and control measures are effective in reducing HAI.
 - (3) A significant percentage of HAI can be prevented with intense programs for surveillance and the development, implementation, and constant evaluation and monitoring of prevention strategies.
 - (4) There is currently inadequate regulatory oversight of hospital surveillance, prevention, and control programs by the department.
 - (5) The protection of patients in a general acute care hospital is of paramount importance to the citizens of California.
 - (6) Existing state law requires the department to establish and maintain an inspection and reporting system to ensure that general acute care hospitals are in compliance with state statutes and regulations. Existing law also requires general acute care hospitals receiving funding from the Centers for Medicare and Medicaid Services to be in compliance with the federal regulations known as the "conditions of participation."
 - (b) It is the intent of the Legislature to enact legislation to ensure the occurrence of all of the following:
 - (1) The establishment of general acute care hospital infection surveillance, prevention, and control programs that report designated HAI internally to the infection control committee and the governing body of the hospital and, *as required*, externally to the department and to the National Healthcare Safety Network (NHSN).
- 33 (2) With assistance from the State Department of Public Health, 34 the development and dissemination of current evidence-based

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standards of infection surveillance, prevention, and control practices.

- (3) Regulatory oversight.
- (4) General acute care hospital reports of the incidence of designated HAI to the department, and as applicable, to the NHSN.
- (5) The development and implementation by the department of an Internet-based public reporting system that summarizes and analyzes the incidence of HAI and the microorganisms that cause these infections.
- (6) General acute care hospital maintenance of a sanitary environment and patient hygiene to avoid transmission of pathogens that cause HAI.
- SEC. 2. Article 3.5 (commencing with Section 1288.5) of Chapter 2 of Division 2 of the Health and Safety Code is repealed.
- SEC. 3. Article 3.5 (commencing with Section 1288.5) is added to Chapter 2 of Division 2 of the Health and Safety Code, to read:

Article 3.5. Health Care Associated Infections

- 1288.5. For purposes of this article, the following definitions shall apply:
- (a) "Advisory committee" means the Health Care Associated Infections Advisory Committee (HAI-AC).
- (b) "Antibiotic-resistant microorganism" means any microorganism, primarily bacteria, that are resistant to one or more classes of antimicrobial agents. These microorganisms include, but are not limited to, methicillin-resistant Staphylococcus aureus (MRSA), vancomycin-resistant enterococci (VRE), Acinetobacter spp., and certain gram negative bacteria.
- (c) "Health care associated infection" or "HAI" means a health care associated infection, defined by the federal Centers for Disease Control and Prevention (CDC) as, any localized or systemic condition resulting from an adverse reaction to an infectious agent or its toxin that both occurs in a patient in a hospital and was found not to be present or incubating in that patient at the time of admission to the hospital, unless the infection was related to a previous admission to the same hospital.
- (d) "Hospital" means a general acute care hospital as defined pursuant to subdivision (a) of Section 1250.
 - (e) "MRSA" means methicillin-resistant Staphylococcus aureus.

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(f) "National Healthcare Safety Network" or "NHSN" means the secure, Internet-based system developed by the CDC to collect data related to HAI and the process measures implemented to prevent these infections.

- (g) "Professional staff" means a registered nurse, medical technologist, or other salaried staff who, within two years of appointment, meets the education and experience requirements for certification established by the national Certification Board for Infection Control and Epidemiology (CBIC), but does not include a physician who is appointed or receives a stipend as the infection prevention and control committee chairperson or hospital epidemiologist.
- (h) "Program" means the health care infection surveillance, prevention, and control program within the department.
- (i) "Serious disability" means a physical or mental impairment that substantially limits one or more major life activities of an individual, or loss of bodily function, if the impairment lasts more than seven days, results in the loss of a body part, or is still present or is being treated at the time of discharge.
 - (j) "VRE" means vancomycin-resistant enterococci.
- 1288.6. (a) The department shall establish a health care infection surveillance, prevention, and control program pursuant to this article.
- (b) Each hospital shall pay a fee per licensed bed and per licensed facility to be used to cover the costs of the program established pursuant to subdivision (a). This fee shall be in addition to the annual licensing and certification program fees established by the Licensing and Certification Program each fiscal year.
- (c) The Department of Public Health Licensing and Certification Health Care Infection Surveillance, Prevention, and Control Fund is hereby created in the State Treasury. The moneys collected in accordance with this section shall be deposited into the fund and shall be available for expenditure, upon appropriation by the Legislature, to support the operation of the department's health care infection surveillance, prevention, and control program *activities*. Notwithstanding Section 16305.7 of the Government Code, any interest earned on moneys in the fund shall accrue to the fund.
- 1288.7. In order to decrease the incidence of HAI, the department shall do all of the following as part of the program:

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(a) Adopt the federal regulations and interpretive guidelines as the methods by which all hospitals shall be surveyed.

- (b) Provide annual education and training to department staff to effectively survey hospitals—and other licensed health care facilities for compliance with infection surveillance and prevention strategies, and regulations. As part of this training, the department shall provide guidance to staff and to all—licensed health care facilities hospitals on the interpretation of infection surveillance, prevention, and control guidelines issued by the CDC and professional organizations, including, but not limited to, the HAI-AC, the Society for Healthcare Epidemiology of America, and the Association for Professionals in Infection Control and Epidemiology.
- (c) Develop a statewide electronic reporting database to monitor increases in the incidence of HAI caused by antibiotic-resistant microorganisms, including, but not limited to, methicillin-resistant Staphylococcus aureus and the incidence of specified HAI, including, but not limited to, bloodstream infections, surgical site infections, and ventilator associated pneumonia.
- (d) Provide consultation and assistance to all licensed health care facilities and other state agencies in the development and implementation of infection surveillance, prevention, and control recommendations, including recommendations to prevent the transmission of health care associated pathogens.
- (e) Provide current Internet accessible infection prevention materials and information to the public.

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- (f) Investigate the following:
- (1) Clusters and outbreaks of infections.
- (2) Infections that cause death or serious disability to patients, health care workers, or visitors.

(f)

(g) Provide sufficient laboratory capacity to support health care facilities and local health departments with pathogen identification, molecular epidemiology, and antimicrobial susceptibility testing for the investigation of outbreaks and surveillance of unusual pathogens.

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(h) Employ professional staff, consisting of four nurse consultants and one nurse consultant supervisor, to provide

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regulatory oversight—information, written recommendations, guidance, and consultation related to community and health care associated infections.

(h) Annually

(i) At least every two years provide to the Governor, the Legislature, and the Chairs of the Senate Committee on Health and Assembly Committee on Health, and post on the department's Internet Web site, a summary of each hospital's infection rates and compliance with process measures as recommended for implementation by the HAI-AC.

(i) Annually

(*j*) report a summary to the HAI-AC of infection surveillance, prevention, and control deficiencies cited during any hospital survey performed by the department and the joint commission.

(j) Annually

(k) At least every two years report a summary to the HAI-AC of the reports submitted by hospitals pursuant to Section 1288.12.

(k) Annually

- (1) At least every two years perform a random, unannounced survey of hospitals to validate compliance with the federal "conditions of participation" established by the federal Centers for Medicare and Medicaid Services and the implementation of state legislation—regarding related to infection control.
- 1288.8. (a) There is hereby established the Health Care Associated Infections Advisory Committee (HAI-AC), to be appointed by the State Public Health Officer. The HAI-AC shall be advisory to the department's health care infection surveillance, prevention, and control program and shall do all of the following:
- (1) Recommend methods by which hospitals would be required to report designated HAI, including those associated with antibiotic-resistant microorganisms, to the NHSN, the department, and the public.
- (2) Recommend evidence-based process measures that would be required to be implemented, monitored, and reported to prevent the acquisition and transmission of HAI.
- (3) Recommend methods by which health care workers, including nursing staff, physicians, ancillary staff, technicians, and contractors would be required to be monitored for compliance with hand hygiene, hospital specific isolation practices, as well as environmental and patient hygiene practices.

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(4) Review a summary of the annual reports submitted by hospitals pursuant to Section 1288.12 and make corrective action recommendations to the department.

- (5) Review and evaluate, on an ongoing basis, federal and state legislation and regulations and communicate to the department how infection prevention and control programs will be impacted by them.
- (6) Annually review a summary of infection surveillance, prevention, and control deficiencies cited during any hospital survey by the department and the joint commission.
- (b) The advisory committee shall be composed of not more than 22 individuals and shall include all of the following:
- (1) A representative from the Office of Statewide Health Planning and Development.
 - (2) A representative from Medi-Cal.
 - (3) Six infection prevention and control professionals.
- (4) Three hospital epidemiologists representing licensed acute care hospitals.
 - (5) Two health care consumers at large.
 - (6) Two hospital administrators.
- (7) The remaining committee members shall represent any of the following: small rural hospitals, the insurance industry, a hospital association, a medical association, Medicare, and other associations deemed necessary by the State Public Health Officer.
- (8) To accomplish the mandates of the legislation and workload of the HAI-AC, the State Public Health Officer may increase the number of members on the HAI-AC by temporarily allowing additional infection prevention and control professionals and hospital epidemiologists to serve on the HAI-AC.
- (c) Each HAI-AC member shall have one vote. The HAI-AC shall meet at least quarterly alternating the meeting places between northern and southern California. The advisory committee shall serve without remuneration, but shall be reimbursed for travel-related expenses to include transportation, hotel, and meals at the state per diem reimbursement rate.
- 1288.9. The department shall require the following staffing for hospital infection surveillance, prevention, and control programs:
- (a) Hospitals licensed for not more than 50 beds shall have a minimum of 0.5 full-time equivalent (FTE) of professional staff.

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(b) Hospitals licensed for 51-100 beds shall have a minimum of 1.0 FTE of professional staff.

- (c) Hospitals licensed for 101-200 beds shall have a minimum of 2.5 FTE of which no less than 1.5 FTE shall be professional staff.
- (d) Hospitals licensed for 201-300 beds shall have a minimum of 3.5 FTE of which no less than 2.0 FTE shall be professional staff.
- (e) Hospitals licensed for 301-400 beds shall have a minimum of 4.5 FTE of which no less than 3.0 FTE shall be professional staff.
- (f) Hospitals licensed for 401-500 beds shall have a minimum of 5.5 FTE of which no less than 4.0 FTE shall be professional staff.
- (g) Hospitals licensed for more than 500 beds shall have a minimum of 6.5 FTE of which no less than 5.0 FTE shall be professional staff.
- 1288.10. (a) No later than April 2009, and quarterly July 2009, and every six months thereafter, each hospital shall make a report to the NHSN and the department, using the NHSN definitions, of all central vascular catheter-related bloodstream infections and, as required by the department, the process measures implemented to prevent these infections.
- (b) No later than April 2009, and quarterly July 2009, and every six months thereafter, each hospital shall make a report to the NHSN and the department, using the NHSN definitions, the rate of all secondary laboratory-confirmed HAI bloodstream infections not related to central vascular catheters, including the identification of the pathogen.
- (c) No later than September 2009, and quarterly January 2010, and every six months thereafter, each hospital shall make a report to the NHSN and the department of surgical site infections occurring in procedures defined by the NHSN as clean and elean-contaminated. each hospital, using NHSN definitions, shall report to the department the rate of infections occurring in orthopedic, cardiac, and gastrointestinal surgical procedures designated as clean and clean-contained. The department may add the reporting of infections occurring in other surgical subspecialties.

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 (d) No later than April 2009, and quarterly July 2009, and every six months thereafter, each hospital shall make a report of all infections described in subdivisions (a) to (c), inclusive, and of its compliance with HAI-AC recommended process measures to the hospital's infection control committee, the executive committee of the medical staff, and the governing body of the hospital.

- (e) No later than January 2010, the department, in consultation with the HAI-AC, shall determine the reporting requirements for ventilator associated pneumonia.
- (f) Each hospital shall report to the department's licensing and certification district office with jurisdiction over the hospital any HAI or series of infections caused by any microorganisms that cause death or serious disability to a patient, hospital personnel, or visitor. A licensing and certification district office that receives this report shall, within 24 hours of receipt, consult with program staff to determine the extent and seriousness of the infection and whether program staff expertise is necessary to the investigation.
- (g) (1) No later than April 2009, and quarterly July 2009, and every six months thereafter, each hospital shall make a report of data for MRSA and Clostridium difficile infections to the department.
- (2) The report required by paragraph (1) shall include the following data:
- (A) The number of patients who had a laboratory-confirmed MRSA and Clostridium difficile infection.
- (B) The total number of patient days each quarter and the total number of patient discharges for each reporting period.
- (C) Whether the laboratory-confirmed MRSA or Clostridium difficile infection was ordered three days or less after admission or more than three days after admission.
- (D) The number of MRSA and Clostridium difficile infections identified three days or less after admission and the rate of MRSA and Clostridium difficile infections *per 100 hospital discharges* and *per 1,000 patient days* that occurred more than three days after admission. The information described in this paragraph shall be reported to the public in addition to the department.
- (3) The department may require the reporting of other epidemiologically important microorganisms.
- (4) The department shall-conduct an annual annually report to the HAI-AC an evaluation of the data reported to it pursuant to

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paragraph (1) to determine if there is sufficient-statistical evidence that the incidence of health care associated MRSA and Clostridium difficile is stable or has declined over at least four consecutive reporting periods.

- (5) No later than January 2012, the department shall reassess the continued reporting of MRSA and Clostridium difficile pursuant to this subdivision and recommend that the reporting either be continued or discontinued.
- (6) The department shall provide a reporting template and instructions to hospitals for completion of the report required by this subdivision either electronically or in written format.
- (h) No later than April 2010, and each year thereafter, the department shall make a report available to the public that summarizes the incidence of all *designated* bloodstream infections in each hospital, including those related to central vascular access catheters, the incidence of surgical site infections in each hospital, and each hospital's compliance with process measures recommended for implementation by the HAI-AC.
- (i) The NHSN reporting requirements of this section shall not apply to hospitals licensed for 25 or fewer beds.
- 1288.12. (a) Each hospital shall annually submit to the department a written report on the effectiveness of the hospital's infection surveillance, prevention, and correction control program required by Section 70739 of Title 22 of the California Code of Regulations. The report shall include a year-to-year comparison of all of the following:
- (1) The number of professionals and nonprofessionals assigned to the infection surveillance, prevention, and control program.
 - (2) The number of hospital discharges.
 - (3) The number of births, including births by caesarean section.
 - (4) The number of emergency department visits.
- (5) The number of intensive care unit discharges, including, when applicable, the number of neonatal intensive care unit discharges.
- (6) The number of licensed beds, including the number of special care unit beds.
- (7) The number of inpatient and, when applicable, the number of outpatient surgical procedures performed.
- (8) The total number of beds, including special care unit beds, that will be added in the coming year.

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(9) The total number of full-time equivalent staff employed by the hospital.

- (10) The percentage of all staff who received influenza vaccination in the previous year and the percentage of all staff who signed a written statement declining to be vaccinated.
- (11) The percentage of all patients who received surgical antibiotic prophylaxis required by the federal Centers for Medicare and Medicaid Services Surgical Care Improvement Project.
 - (12) Other information as required by the department.
- (b) The report shall be signed by the hospital's chief executive officer, the chairperson of the hospital's governing body, the department's lead infection control professional, and the chairperson of the hospital's infection control committee.
- (c) The department shall provide a reporting template and instructions to hospitals for completion of the report.
- 1288.13. (a) Each hospital shall develop, implement, monitor, and evaluate procedures for identifying patients who are colonized or infected with MRSA.
- (b) As a part of the procedures described in subdivision (a), each hospital shall test every patient for MRSA, either by standard culture media or other screening test, within 24 hours of admission to the hospital under any of the following conditions:
 - (1) The patient has open, draining wounds or pressure ulcers.
 - (2) The patient is admitted to an intensive care unit.
- (3) The patient is discharged from an intensive care unit more than 48 hours after admission to the unit.
 - (4) The patient is receiving dialysis.
- (5) The patient is admitted from a skilled nursing facility or homeless shelter, or is homeless.
 - (6) The patient is admitted from a correctional facility.
- (7) Any patient who develops a MRSA surgical site infection prior to discharge or who is readmitted to the same a hospital with evidence of a surgical site infection within 30 days of discharge.
- (c) The testing requirement in subdivision (b) shall not apply to a hospital if that hospital satisfies all of the following conditions:
- (1) The department determines through an appropriate analysis of reportable health care associated MRSA data described in Section 1288.10 that transmission of MRSA has declined over four consecutive reporting periods.
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(2) At least one survey performed by the department infection control professional that verifies that the requirements of this section and Section 1288.10 have been met.

- (3) The hospital has not reported a death or serious disability directly related to a MRSA clinical infection.
- (8) Each hospital shall quarterly conduct an HAI MRSA risk assessment. If the incidence of HAI MRSA increases, the hospital shall expand MRSA testing or screening to include those patients determined to be at risk for acquiring MRSA.
- 1288.14. (a) No later than July 1, 2009, and every four years thereafter, physicians designated as the hospital epidemiologist or infection surveillance, prevention, and control committee chairpersons shall participate in a continuing medical education (CME) training program cooffered by the federal Centers for Disease Control and Prevention and the Society for Healthcare Epidemiologists of America, or other professional organization. The CME program shall be specific to infection surveillance, prevention, and control. Documentation of attendance shall be placed in the physicians' credentialing file.
- (b) No later than April 2009 Beginning January 2010, all staff and contract physicians and all other licensed independent contractors, including, but not limited to, nurse practitioners and physician assistants, shall be trained in epidemiology of MRSA, eurrent treatment recommendations, and methods to prevent transmission of MRSA in hospitals and in the community.
- (c) The hospital's infection surveillance, prevention, and control committee shall meet not less than four times each year and shall quarterly report the incidence of HAI and compliance with process measures to the executive committee of the medical staff and the governing body of the hospital. trained in methods to prevent transmission of health care associated pathogens, including, but not limited to, MRSA and Clostridium difficile in hospitals and in the community setting. Patients determined to be infected or colonized with any health care associated pathogen shall be instructed by a physician or other health care professional on methods to prevent transmission to other persons after discharge.

(c) To prevent transmission of health care associated infections, beginning January 2010, all permanent, temporary, and contractual hospital employees who have contact with a patient shall be trained

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in infection prevention and control measures, including, but not 2 limited to, hand hygiene, transmission prevention precautions and 3 other facility-specific isolation measures, patient hygiene, and 4 environmental sanitation measures. The training shall be given to 5 new employees prior to having any patient contact, annually, and 6 when new prevention measures have been adopted by the infection surveillance, prevention, and control committee.

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(d) Environmental services staff shall be trained and shall be observed for compliance with hospital sanitation measures. The training shall be given at the start of employment, and annually thereafter, and when new prevention measures have been adopted by the infection surveillance, prevention, and control committee. Cultures of the environment may be randomly obtained to determine compliance with hospital sanitation procedures.

- (e) Nonambulatory patients and patients who require assistance with bathing shall be completely bathed with either soap and water or an antiseptic towelette at least daily, and more often if their skin becomes soiled with blood or other body fluids.
- (g) Patient occupied rooms, including all equipment and frequently touched surfaces,
- (f) All frequently touched equipment and surfaces in patient-occupied rooms shall be cleaned and disinfected daily, immediately when soiled with blood or other body fluids and at the time of patient transfer or discharge. Equipment and surfaces in nurses' stations, utility, and medication rooms, and public areas shall be cleaned and disinfected daily.
- (h) Infection control professionals shall randomly obtain cultures of the patient care environment to determine compliance with hospital sanitation procedures.
- SEC. 4. No reimbursement is required by this act pursuant to Section 6 of Article XIIIB of the California Constitution because the only costs that may be incurred by a local agency or school district will be incurred because this act creates a new crime or infraction, eliminates a crime or infraction, or changes the penalty for a crime or infraction, within the meaning of Section 17556 of the Government Code, or changes the definition of a crime within

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- the meaning of Section 6 of Article XIII B of the California Constitution.